

HR 3130

Undergraduate Science, Mathematics, Engineering, and Technology Education Improvement Act

Congress: 107 (2001–2003, Ended)

Chamber: House

Policy Area: Education

Introduced: Oct 16, 2001

Current Status: Received in the Senate and Read twice and referred to the Committee on Health, Education, Labor, and

Latest Action: Received in the Senate and Read twice and referred to the Committee on Health, Education, Labor, and Pensions. (Jul 11, 2002)

Official Text: <https://www.congress.gov/bill/107th-congress/house-bill/3130>

Sponsor

Name: Rep. Boehlert, Sherwood [R-NY-23]

Party: Republican • **State:** NY • **Chamber:** House

Cosponsors (43 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Hart, Melissa A. [R-PA-4]	R · PA		Oct 16, 2001
Rep. Honda, Michael M. [D-CA-15]	D · CA		Oct 16, 2001
Rep. Larson, John B. [D-CT-1]	D · CT		Oct 16, 2001
Rep. Udall, Mark [D-CO-2]	D · CO		Oct 16, 2001
Rep. Morella, Constance A. [R-MD-8]	R · MD		Nov 1, 2001
Del. Faleomavaega, Eni F. H. [D-AS-At Large]	D · AS		Nov 15, 2001
Rep. Ferguson, Mike [R-NJ-7]	R · NJ		Nov 15, 2001
Rep. Grucci, Felix J., Jr. [R-NY-1]	R · NY		Nov 15, 2001
Rep. McCarthy, Carolyn [D-NY-4]	D · NY		Nov 15, 2001
Rep. Inslee, Jay [D-WA-1]	D · WA		Nov 27, 2001
Rep. DeLauro, Rosa L. [D-CT-3]	D · CT		Dec 11, 2001
Rep. Upton, Fred [R-MI-6]	R · MI		Dec 11, 2001
Rep. Wolf, Frank R. [R-VA-10]	R · VA		Dec 13, 2001
Rep. Holt, Rush [D-NJ-12]	D · NJ		Feb 5, 2002
Rep. Goodlatte, Bob [R-VA-6]	R · VA		Mar 7, 2002
Rep. Smith, Lamar [R-TX-21]	R · TX		Mar 7, 2002
Rep. Boucher, Rick [D-VA-9]	D · VA		Mar 19, 2002
Rep. Dooley, Calvin M. [D-CA-20]	D · CA		Mar 19, 2002
Rep. Dunn, Jennifer [R-WA-8]	R · WA		Mar 19, 2002
Rep. Eshoo, Anna G. [D-CA-14]	D · CA		Mar 19, 2002
Rep. Harman, Jane [D-CA-36]	D · CA		Mar 19, 2002
Rep. Lipinski, William O. [D-IL-3]	D · IL		Mar 19, 2002
Rep. Lofgren, Zoe [D-CA-16]	D · CA		Mar 19, 2002
Rep. Maloney, Carolyn B. [D-NY-14]	D · NY		Mar 19, 2002
Rep. Reyes, Silvestre [D-TX-16]	D · TX		Mar 19, 2002
Rep. Rivers, Lynn N. [D-MI-13]	D · MI		Mar 19, 2002
Rep. Wilson, Heather [R-NM-1]	R · NM		Mar 19, 2002
Rep. Baird, Brian [D-WA-3]	D · WA		Apr 24, 2002
Rep. Berman, Howard L. [D-CA-26]	D · CA		Apr 24, 2002
Rep. Bartlett, Roscoe G. [R-MD-6]	R · MD		May 6, 2002
Rep. McCollum, Betty [D-MN-4]	D · MN		May 6, 2002
Rep. Pelosi, Nancy [D-CA-8]	D · CA		May 6, 2002
Rep. Borski, Robert A. [D-PA-3]	D · PA		May 7, 2002
Rep. Johnson, Eddie Bernice [D-TX-30]	D · TX		May 7, 2002
Rep. Hoeffel, Joseph M. [D-PA-13]	D · PA		May 15, 2002
Rep. Smith, Nick [R-MI-7]	R · MI		May 20, 2002
Rep. Baca, Joe [D-CA-42]	D · CA		May 22, 2002
Rep. Calvert, Ken [R-CA-43]	R · CA		May 22, 2002
Rep. Ehlers, Vernon J. [R-MI-3]	R · MI		May 22, 2002
Rep. Etheridge, Bob [D-NC-2]	D · NC		May 22, 2002
Rep. Shays, Christopher [R-CT-4]	R · CT		May 22, 2002

Cosponsor	Party / State	Role	Date Joined
Rep. Woolsey, Lynn C. [D-CA-6]	D · CA		May 22, 2002
Rep. Lampson, Nick [D-TX-9]	D · TX		Jun 12, 2002

Committee Activity

Committee	Chamber	Activity	Date
Education and Workforce Committee	House	Referred to	Mar 6, 2002
Health, Education, Labor, and Pensions Committee	Senate	Referred To	Jul 11, 2002
Science, Space, and Technology Committee	House	Reported by	May 9, 2002

Subjects & Policy Tags

Policy Area:

Education

Related Bills

Bill	Relationship	Last Action
107 HR 4664	Related bill	Dec 19, 2002: Became Public Law No: 107-368.
107 S 1549	Identical bill	Oct 15, 2001: Read twice and referred to the Committee on Health, Education, Labor, and Pensions.

Undergraduate Science, Mathematics, Engineering, and Technology Education Improvement Act - Technology Talent Act of 2002 - Requires the Director of the National Science Foundation (NSF) to award competitive, merit-based grants to increase the number of students studying and receiving associate's or bachelor's degrees in established or emerging fields within science, mathematics, engineering, and technology. Provides that an institution receiving such a grant shall be known as a National Science Foundation Science and Engineering Talent Expansion Center.

(Sec. 5) Establishes a program of grants to expand previously implemented reforms of undergraduate science, mathematics, engineering, or technology education demonstrated to have been successful in increasing the number and quality of students studying and receiving associate or baccalaureate degrees in such fields.

(Sec. 6) Establishes a program of grants for professional development of undergraduate faculty in support of improved undergraduate science, mathematics, engineering, and technology education.

(Sec. 7) Establishes a program of grants to support acquisition of research-grade instrumentation and training related to its use.

(Sec. 8) Establishes a program of grants to establish sites that provide research experiences for undergraduate science, mathematics, engineering, or technology students.

(Sec. 9) Requires the Director to ensure Internet dissemination of certain information by all NSF-sponsored undergraduate science, mathematics, engineering, or technology education projects.

(Sec. 10) Requires the Director to: (1) evaluate the effectiveness of all NSF-supported undergraduate science, mathematics, engineering, or technology education activities in increasing the number and quality of students, including those from groups underrepresented in such fields, studying and receiving associate or baccalaureate degrees in such fields; and (2) establish a common set of assessment benchmarks and tools for every NSF-sponsored project to use.

(Sec. 11) Requires the Director to: (1) arrange for the National Research Council of the National Academy of Sciences to study factors that influence undergraduate students to enter and persist to degree completion in science, mathematics, engineering, and technology programs or to leave such programs; and (2) report the study results to Congress.

(Sec. 12) Establishes a program of grants to Hispanic-Serving Institutions, Historically Black Colleges and Universities, Alaska Native-Serving Institutions, Native Hawaiian-Serving Institutions, and tribally controlled colleges and universities to: (1) enhance the quality of undergraduate science, mathematics, and engineering education at such institutions; and (2) increase the retention and graduation rates of students pursuing baccalaureate degrees in such fields.

(Sec. 13) Amends the Scientific and Advanced-Technology Act of 1992 (SATA) to include improving the quality of their core education courses in science and mathematics among the uses of national advanced scientific and technical education program grants to associate-degree-granting colleges. Requires, as a condition for receiving certain grants for aiding transition of students from associate- to bachelor-degree-granting-institutions, that articulation partnerships provide students with research experiences and faculty mentors at bachelor-degree-granting institutions in the partnership.

Requires the Director to: (1) establish an advisory committee on the advanced technological education program; and (2) report to Congress on specified NSF and other efforts with regard to the program and other SATA requirements.

Extends the authorization of appropriations for acquisition of instrumentation under SATA. Authorizes appropriations for the following programs added to SATA by this Act: (1) activities to improve core science and mathematics education; and

(2) support for research experiences for undergraduate students.

Actions Timeline

- **Jul 11, 2002:** Received in the Senate and Read twice and referred to the Committee on Health, Education, Labor, and Pensions.
- **Jul 9, 2002:** Mr. Boehlert moved to suspend the rules and pass the bill, as amended.
- **Jul 9, 2002:** Considered under suspension of the rules. (consideration: CR H4369-4375)
- **Jul 9, 2002:** DEBATE - The House proceeded with forty minutes of debate on H.R. 3130.
- **Jul 9, 2002:** Passed/agreed to in House: On motion to suspend the rules and pass the bill, as amended Agreed to by voice vote.(text: CR H4369-4373)
- **Jul 9, 2002:** On motion to suspend the rules and pass the bill, as amended Agreed to by voice vote. (text: CR H4369-4373)
- **Jul 9, 2002:** Motion to reconsider laid on the table Agreed to without objection.
- **Jun 12, 2002:** Reported (Amended) by the Committee on Science. H. Rept. 107-505, Part I.
- **Jun 12, 2002:** Reported (Amended) by the Committee on Science. H. Rept. 107-505, Part I.
- **Jun 12, 2002:** House Committee on Education and the Workforce Granted an extension for further consideration ending not later than June 12, 2002.
- **Jun 12, 2002:** Committee on Education and the Workforce discharged.
- **Jun 12, 2002:** Committee on Education and the Workforce discharged.
- **Jun 12, 2002:** Placed on the Union Calendar, Calendar No. 301.
- **May 22, 2002:** Committee Consideration and Mark-up Session Held.
- **May 22, 2002:** Ordered to be Reported (Amended) by Voice Vote.
- **May 9, 2002:** Subcommittee Consideration and Mark-up Session Held.
- **May 9, 2002:** Forwarded by Subcommittee to Full Committee (Amended) by Voice Vote.
- **Mar 7, 2002:** Subcommittee Hearings Held.
- **Mar 6, 2002:** Referred to the Subcommittee on 21st Century Competitiveness.
- **Oct 29, 2001:** Referred to the Subcommittee on Research.
- **Oct 16, 2001:** Introduced in House
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- **Oct 16, 2001:** Referred to the Committee on Science, and in addition to the Committee on Education and the Workforce, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned.
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